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(54) Title: **CHOLINERGIC THERAPY FOR INDIVIDUALS WITH LEARNING DISABILITIES**

(57) Abstract: Cholinergic agents are used to improve specific learning deficits and language function in individuals of normal intelligence. Psychosocial deficits including a pragmatics impairment, reading deficits, a problem solving impairment, an information processing impairment, an adaptive function impairment, social skills impairment, attention impairment, a mood impairment and employment skills impairment, can also be treated in this manner. The cholinergic treatments can be combined with more traditional educational, psychological, and behavioral therapies for enhanced therapeutic benefit.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22746

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/27, 31/66, 31/445, 31/195, 31/42; A61P 25/28  
US CL : 514/319; 380, 561

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 514/319; 380, 561

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1203584 A1 (TROGNONI, MARIANO) 08 May 2002 (08.05.2002), entire reference.	1-14, 16-18, and 20-47
Y	ALLAIN et al. Drugs and Language, Pharmacolinguistics, EUR. NEUROL. December 11, 2001 entire reference, especially pages 6-7.	1-48
Y	US 5,847,155 A (FARACI et al) 08 December 1998 (08.12.1998), entire reference.	1-48
Y	WEBER et al Donepezil-Induced REM Sleep Augmentation Enhances Memory Performance in Elderly, Healthy Persons, Exp. Gerontol. February 2001, Vol. 36. No. 2, abstract.	1-48
Y	US 2002/0040038 A1 (PRATT, RAYMOND) 04 April 2002 (04.04.2002), entire reference.	1-48

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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**Continuation of B. FIELDS SEARCHED Item 3:**

Electronic Data Bases Searched: EAST, PALM, Registry, Medline, CA, CAPLUS, USPATFULL, DRUGU

Search Terms: Donepezil, 1,2,3,4-tetrahydro-9-Acridinamine, 9-amino-1,2,3,4-tetrahydro-Acridine, 9-aminotetrahydro-Acridine, 1,2,3,4-Tetrahydro-9-acridinamine, 1,2,3,4-Tetrahydro-9-aminoacridine, 9-Amino-1,2,3,4-tetrahydroacridine, Tacrine, Tetrahydroaminacrine, Tetrahydroaminocrin, Tetrahydroaminocrine, THA, "ENA 713 free base, Exelon, Rivastigmine, SDZ 212-713, Galanthamine, BRN 0093736, Galantamin, Galantamina, Galantamine, Jilkon, Lycoremin, Lycoremine, NSC 100058, learn, learning, and language